

IN THE CLAIMS

1-10. (Cancelled).

11. (Currently Amended) A printer, comprising:

at least one ink-ejecting mechanism, the at least one ink-ejecting mechanism having a printer head;

at least one head chip formed on the printer head, the at least one head chip being formed in an array pattern on the printer head; and

a plurality of nozzles formed within a plurality of nozzle arrays positioned on a nozzle plate, each nozzle array corresponding to a different color wherein nozzles associated with one nozzle array and nozzles associated with an adjacent nozzle array partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one nozzle array and the nozzles of the adjacent nozzle array respectively eject inks which are mixed in the overlapped area to reduce dot density differences on the print object, ~~and wherein adjacent nozzles in each nozzle array are shifted sequentially in a direction a print object is fed into the printer with respect to the printer head~~

wherein each nozzle array is arranged at an angle with respect to a horizontal direction so that adjacent nozzles in each nozzle array are shifted sequentially in a direction that is parallel to a paper feed direction, and wherein the horizontal direction is perpendicular to the paper feed direction.

12. (Previously Presented) A printer according to Claim 11, wherein the nozzles are placed on the nozzle plate almost as wide as the print object to form the nozzle array in a direction perpendicular to the feeding direction of the print object.

13. (Currently Amended) A printer, comprising:

an ink-ejecting mechanism, the ink-ejecting mechanism having a nozzle plate;

a plurality of head chips formed on the nozzle plate, the plurality of head chips being formed in an array pattern on the nozzle plate; and

a plurality of nozzle arrays formed on the nozzle plate within the array pattern, each nozzle array corresponding to a color wherein nozzles associated with one nozzle array and nozzles associated with an adjacent nozzle array partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one nozzle array and the nozzles of the adjacent nozzle array respectively eject inks which are mixed in the overlapped area at substantially the same point on the print object to reduce dot density differences on the print object, ~~and wherein adjacent nozzles in each nozzle array are shifted sequentially in a direction a print object is fed into the printer with respect to the printer head~~

wherein each nozzle array is arranged at an angle with respect to a horizontal direction so that adjacent nozzles in each nozzle array are shifted sequentially in a direction that is parallel to a paper feed direction, and wherein the horizontal direction is perpendicular to the paper feed direction.

14. (Previously Presented) A printer according to Claim 13, wherein the nozzles are placed on the nozzle plate almost as wide as the print object to form the nozzle array in a direction perpendicular to the feeding direction of the print object.

15-23. (Canceled).

24. (Currently Amended) A printer head, comprising:

at least one ink-ejecting mechanism, the at least one ink-ejecting mechanism having a printer head;

at least one head chip formed on the printer head, the at least one head chip being formed in an array pattern on the printer head; and

a plurality of nozzles formed within a plurality of nozzle arrays positioned on a nozzle plate, each nozzle array corresponding to a different color wherein nozzles associated with one

nozzle array and nozzles associated with an adjacent nozzle array partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one nozzle array and the nozzles of the adjacent nozzle array respectively eject inks which are mixed in the overlapped area to reduce dot density differences on the print object, ~~and wherein adjacent nozzles in each nozzle array are shifted sequentially in a direction a print object is fed into a printer with respect to the printer head~~

wherein each nozzle array is arranged at an angle with respect to a horizontal direction so that adjacent nozzles in each nozzle array are shifted sequentially in a direction that is parallel to a paper feed direction, and wherein the horizontal direction is perpendicular to the paper feed direction.

25. (Previously Presented) A printer head according to Claim 24, wherein the nozzles are placed on the nozzle plate almost as wide as said print object to form the nozzle array in a direction perpendicular to the feeding direction of the print object.

26. (Currently Amended) A printer head, comprising:
an ink-ejecting mechanism, the ink-ejecting mechanism having a nozzle plate;
a plurality of head chips formed on the nozzle plate, the plurality of head chips being formed in an array pattern on the nozzle plate; and
a plurality of nozzle arrays formed on the nozzle plate within the array pattern, each nozzle array corresponding to a color wherein nozzles associated with one nozzle array and nozzles associated with an adjacent nozzle array partly overlap along at least one direction to form an overlapped area on a print object such that when the at least one ink-ejecting mechanism drives across the print object the nozzles of the one nozzle array and the nozzles of the adjacent nozzle array respectively eject inks which are mixed in the overlapped area at substantially the same point on the print object to reduce dot density differences on the print object, ~~and wherein adjacent nozzles in each nozzle array are shifted sequentially in a direction a print object is fed into a printer with respect to the printer head~~

wherein each nozzle array is arranged at an angle with respect to a horizontal direction so that adjacent nozzles in each nozzle array are shifted sequentially in a direction that is parallel to a paper feed direction, and wherein the horizontal direction is perpendicular to the paper feed direction.

27. (Previously Presented) A printer head according to Claim 26, wherein the nozzles are placed on the nozzle plate almost as wide as the print object to form a nozzle array in a direction perpendicular to the feeding direction of the print object.

28. (Currently Amended) A printer comprising:
a printer head having first and second head chips;
first and second nozzle arrays, wherein each nozzle array comprises a plurality of nozzles, and wherein the first and second nozzle arrays are allocated to the first and second head chips, respectively; and

a plurality of ink-ejecting mechanisms for ejecting ink droplets from a nozzle, wherein each ink-ejecting mechanism is associated with a nozzle, wherein some of the plurality of nozzles in the first nozzle array partly overlap a plurality of nozzles in the second array, as viewed in a print direction that a print object is fed into the printer with respect to the printer head, ~~and wherein adjacent nozzles in each nozzle array are shifted sequentially in the print direction~~

wherein each nozzle array is arranged at an angle with respect to a horizontal direction so that adjacent nozzles in each nozzle array are shifted sequentially in a direction that is parallel to a paper feed direction, and wherein the horizontal direction is perpendicular to the paper feed direction.

29. (Currently Amended) A printer comprising:
a printer head having first and second head chips;

an ink flow path in fluid communication with and located between the first and second head chips, wherein the first head chip is placed on a first side of the ink flow path and the second head chip is placed on a second side of the ink flow path opposed to the first side;

first and second nozzle arrays, wherein each nozzle array comprises a plurality of nozzles, and wherein the first and second nozzle arrays are allocated to the first and second head chips, respectively;

a plurality of ink-ejecting mechanisms for ejecting ink droplets from a nozzle, wherein each ink-ejecting mechanism is associated with a nozzle, wherein some of the plurality of nozzles in the first nozzle array partly overlap a plurality of nozzles in the second array, as viewed in a print direction that a print object is fed into the printer with respect to the printer head,

wherein each nozzle array is arranged at an angle with respect to a horizontal direction so that adjacent nozzles in each nozzle array are shifted sequentially in a direction that is parallel to a paper feed direction, and wherein the horizontal direction is perpendicular to the paper feed direction.

30. (Canceled)